

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A method for remotely using a data-processing object accessible via a server station connected to a communications network, from a client station connected to the network, the method comprising the following steps:

sending an object request to the server station, the object request including information for identifying [[an]] a data-processing object accessible via the server station, the data-processing object being an element comprising at least one attribute and at least one function which makes it possible to manipulate said at least one attribute;

receiving an object response sent by the server station, the object response including information for describing graphic elements of a graphic user interface, the graphic elements of the graphic user interface being associated with programmed data object functions, the graphic user interface allowing a user to use the data-processing object when the graphic elements are activated by a user;

starting up the graphic user interface on the client station;

executing at least one function associated with at least one graphic element of the graphic user interface, in response to activation of at least one graphic element by the user; and

sending a method-execution request to the server station, in response to the execution of at least one programmed function associated with the at least one graphic element of the graphic user interface activated by the user, the method-execution request comprising an object-method call in a mark-up language.

2. (Currently Amended) [[A]] The method according to claim 1, further comprising the steps of:

receiving a method-execution response sent by the server station in response to the method-execution request, the method-execution response containing data indicative of a result of execution of at least one command which can be understood by the data-processing object;

decoding the data contained in the method-execution response; and
updating the user interface, if necessary.

3. (Currently Amended) [[A]] The method according to claim 1, wherein the information for identifying the data-processing object comprises an electronic address indicative of a storage location of the object.

4. (Currently Amended) [[A]] The method according to claim 3, wherein the electronic address indicative of the storage location of the object is a URL-type address.

5. (Canceled)

6. (Currently Amended) [[A]] The method according to claim 1, wherein the mark-up language is based on the XML language.

7. (Currently Amended) [[A]] The method according to claim 1, wherein the programmed functions associated with the information for describing the graphic elements of the user interface are implemented in the Javascript programming language.

8. (Canceled)

9. (Currently Amended) [[A]] The method according to claim 1, wherein the communications network is a network of the Internet type.

10. (Currently Amended) [[A]] The method according to claim 1, wherein the client station and the server station communicate by using a communications protocol of the "hypertext transfer protocol" (HTTP) type, and messages exchanged between the client station and the server station are HTTP messages.

11. (Currently Amended) A method for executing a function on a data-processing object which can be used, via a server station connected to a communications network, by at least one client station connected to the network, comprising the following steps, implemented in the server station:

receiving an object request originating from the client station, the object request including information for identifying a data-processing object accessible via the server station, the data-processing object being an element comprising at least one attribute and at least one function which makes it possible to manipulate said at least one attribute;

sending an object response to the client station, the object response including information for describing graphic elements of a graphical user interface, the graphic elements of the graphic user interface being associated with programmed data object functions, the graphic user interface allowing a user to use the data-processing object when the graphic elements are activated by the user; and

receiving a method-execution request originating from the client station, the method-execution request comprising an object-method call in a mark-up language.

12. (Currently Amended) [[A]] The method according to claim 11, further comprising the steps of:

executing at least one command received from the client station, on a data-processing object; and

sending a method-execution response to the client station, the method-execution response containing data indicative of a result of the execution of the at least one command on the object.

13. (Canceled)

14. (Currently Amended) [[A]] The method according to claim 11, wherein the information for identifying the data-processing object comprises an electronic address indicative of a storage location of the object.

15. (Currently Amended) [[A]] The method according to claim 14, wherein the electronic address indicative of the storage location of the object is a URL-type address.

16. (Canceled)

17. (Currently Amended) [[A]] The method according to claim 11, wherein the mark-up language is based on the XML language.

18. (Currently Amended) [[A]] The method according to claim 11, wherein, in order to be accessible on the network, the data-processing object is associated in the server station with an electronic document containing the information for describing

the graphic elements of the graphic user interface and the associated programmed functions.

19. (Currently Amended) [[A]] The method according to claim 18, wherein the electronic document is a document of the "XML document" type.

20. (Currently Amended) [[A]] The method according to claim 18, wherein an electronic address indicative of a storage location of the object is an address of "URL" type associated with the electronic document.

21. (Currently Amended) [[A]] The method according to claim 11, wherein the communications network is a network of the Internet type.

22. (Currently Amended) [[A]] The method according to claim 11, wherein the client station and the server station communicate by using a communications protocol of the "hypertext transfer protocol" (HTTP) type, and messages exchanged between the server station and the client station are HTTP messages.

23. (Currently Amended) [[A]] The method according to claim 11, wherein the programmed functions associated with the information for describing the graphic elements of the user interface are implemented in the Javascript programming language.

24. (Currently Amended) A device for remotely using a data-processing object accessible via a server station connected to a communications network, from a client station connected to the network, the device comprising:

sending means for sending an object request to the server station, the object request including information for identifying [[an]] a data-processing object accessible via the server station, the data-processing object being an element comprising at least one attribute and at least one function which makes it possible to manipulate said at least one attribute;

receiving means for receiving an object response sent by the server station, the object response including information for describing graphic elements of a graphic user interface, the graphic elements of the graphic user interface being associated with programmed data object functions, the graphic user interface allowing a user to use the data-processing object when the graphic elements are activated by the user;

starting means for starting up the graphic user interface on the client station;

executing means for executing at least one programmed function associated with one graphic element of the graphic user interface, in response to activation of the graphic element by the user; and

requesting means for sending a method-execution request to the server station, the method-execution request comprising an object-method call in a mark-up language.

25. (Currently Amended) [[A]] The device according to claim 24, further comprising:

response receiving means for receiving, in response to the method-execution request, a method-execution response sent by the server station, the method-execution response containing data indicative of a result of execution of at least one command which can be understood by the data-processing object;

decoding means for decoding the data contained in the method-execution response; and

updating means for updating the user interface of the object, if necessary.

26. (Canceled)

27. (Currently Amended) A device for executing a function on a data-processing object which can be used, via a server station connected to a communications network, by at least one client station connected to the network, comprising:

receiving means for receiving an object request originating from a client station, the object request including information for identifying a data-processing object accessible via the server station, the data-processing object being an element comprising at least one attribute and at least one function which makes it possible to manipulate said at least one attribute;

object response sending means for sending an object response to the client station, the object response including information for describing graphic elements of a graphic user interface, the graphic elements of the graphic user interface being associated with programmed data object functions, the graphic user interface allowing a user to use the data-processing object when the graphic elements are activated by the user; and

request receiving means for receiving a method-execution request originating from the client station, the method-execution request comprising an object-method call in a mark-up language.

28. (Previously Presented) [[A]] The device according to claim 27, further comprising:

executing means for executing at least one command, received from the client station, on the data-processing object, and for obtaining a result; and

method-execution response sending means for sending a method-execution response to the client station, the method-execution response containing data indicative of the result of the execution of the at least one command on the object.

29. (Canceled)

30. (Canceled)

31. (Previously Presented) A device for browsing on the Internet (Web browser) comprising a device for remotely using a data-processing object according to claim 24.

32. (Previously Presented) A client station linked to a communications network, comprising a device for remotely using a data-processing object according to claim 24.

33. (Previously Presented) A server station linked to a communications network, comprising a device for executing a function on a data-processing object according to claim 27.

34. (Canceled)